

Figure 1A

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1
-----
SEQ ID NO:2
SEQ ID NO:4
SEQ ID NO:6
SEQ ID NO:8
SEQ ID NO:10
SEQ ID NO:12
SEQ ID NO:13
SEQ ID NO:14
-----
RPFHFINQTEPLVHTHTQOPSPAPGPAQ-QGRQNTLLSPTPLAVILVNPQRPVLP
-----
-ARATAKALRQPCYAGIFRNIEC-GPSPAESLGFPKLRG-----INV
-----
-TRADAGERMA-----G
T-----
-----MIGSVKRPVSCVLPEFDFTTESTGLGKSSVKLPVNF-----AFG
-----MIAAGAKSL-----GLSMASPK-----G-----IFD

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61
-----
SEQ ID NO:2
SEQ ID NO:4
SEQ ID NO:6
SEQ ID NO:8
SEQ ID NO:10
SEQ ID NO:12
SEQ ID NO:13
SEQ ID NO:14
-----
SAA-----AAVAGISSSSA-----
GLTPSDAPLPALVIHGLTPRSSHSSAGLASDGRREGRGARTHCHRGIGRWVRRRRRN
-----
TGLHCGRGLVLRKASKPIRAKEN-ASVSASLID-DWFKPITAKED-----S
SEA-----VPVVAAGKQ-----VNG-----
SGG--GEVKLGFLAPIKATEGSKTSS--FQVNGKVDNFRHLQPSDCNSN-----S
SNSMSRSVVVRACVSMDSQTL--HNKNGSIPEVKSI-----

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121
-----
SEQ ID NO:2
SEQ ID NO:4
SEQ ID NO:6
SEQ ID NO:8
SEQ ID NO:10
SEQ ID NO:12
SEQ ID NO:13
SEQ ID NO:14
-----
-LVTSTVGKSTNLIWHECAIGQKERQGLLNQKGCVVWITGLSGSGK
GAAPGEAPHSPVKEKPVMSNIGKSTNLIWNCILIGQSDRQKLGQKGCVVWITGLSGSGK
-----SIVPKASNIFWHDCAVGQADRQKLLKQKGCVVWITGLSGSGK
NAE-DRTSSFSGKNLTQMSNVGNSTNIMWHDCEPIQKQDRQQLLQQGCVIWITGLSGSGK
-----SAMAGIDKLVTSVVGKSTNVLMHDCPIGQFERQELLNQGCVWITGLSGSGK
-----
DSSLNNGNPGPKILQTTTVGNSTNLIWHKCAVEKSERQEPLOQRGCVIWITGLSGSGK
-----NGHTGQKQGPLSTVGNSTNIKWHECSVEKVDQRLLDQKGCVIWITGLSGSGK

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Figure 1B

SEQ ID NO: 2	181	STLACALSRELHGRGHLTYVLDGDNLRHGLNRDLSFGAEDRAENIRRVGEVAKLFADAGL	240
SEQ ID NO: 4		STLACALSRELHCRGHLTYVLDGDNLRHGLNRDLSFKAEDRAENIRRVGEVAKLFADAGV	
SEQ ID NO: 6		STLACTLDRELHTRGKLSYVLDGDNLRHGLNKDLSFGKAEDRAENIRKVG EVAKLFXDASL	
SEQ ID NO: 8		STIACALSQSLHSGKLSYILDGDNIRHGLNQDLSFRAEDRS ENIRRI GEVAKLFADAGV	
SEQ ID NO: 10		STLACALSRELHSGHLTYILDGDNLRHGLNRDLCFEAKDRAENIRRVGEVAKL FADAGL	
SEQ ID NO: 12		-----	
SEQ ID NO: 13		STLACALS RGLHAKGKLT YILDGDNVRHGLNSDLSFKAEDRAENIRRI GEVAKL FADAGV	
SEQ ID NO: 14		STLACALNQMLYQKGKLCYILDGDNVRHGLNRDLSFKAEDRAENIRRVGEVAKL FADAGI	
SEQ ID NO: 2	241	VCIASLISPYRSDRSACRDLLPKHSFIEVFLDVPLQVCEARDPKGLYK LARAGKIKGFTG	300
SEQ ID NO: 4		ICIASLISPYRRDRDACRALLPHSNFIEVFLDPLKICEARDPKGLYK LARTGKIKGFTG	
SEQ ID NO: 6		VCIASFKSPYKRER-----	
SEQ ID NO: 8		ICITSLISPYQKDRDACRALLSKGFIEVFLDVPLHVCEARDPKGLYK LARAGKIKGFTG	
SEQ ID NO: 10		ICIASLISPYRSERSACRKLHNSTFIEVFLNVPLEVCEARDPKGLYK LARAGKIKGFTG	
SEQ ID NO: 12		-----RLARTGKIKGFTG	
SEQ ID NO: 13		ICIASLISPYRKPPDACRSLLEGGDFIEVFM DVPLKVCEARDPKGLYK LARAGKIKGFTG	
SEQ ID NO: 14		ICIASLISPYRTDRDACRSLLEGGDFVEVFM DVPLSVCEARDPKGLYK LARAGKIKGFTG	
SEQ ID NO: 2	301	IDDPYEPPSDCEIIVIQCKVGD C P S P E S M A G H V S Y L E T N G F L Q D	344
SEQ ID NO: 4		IDDPYEPPINGEIVIKMKDEEC P S P K A M A Q O V L C Y L E E N G Y L Q A	
SEQ ID NO: 6		-----ES	
SEQ ID NO: 8		IDDPYEPPCSC E I V L Q Q K G S D C S P S D M A E E V I S Y L E E N G Y L R A	
SEQ ID NO: 10		IDDPYEAPSDCEIIVIQCKAGDCATPKSMADQVVSYLEANEFLQ E	
SEQ ID NO: 12		VDDPYESPVNSEIIVIKMEGGECPSPKAMAQQOVL S Y L E K N G Y L Q A	
SEQ ID NO: 13		IDDPYEPLPKSEIVLHQKLGMCDS P C D L A D I V I S Y L E E N G Y L K A	
SEQ ID NO: 14		IDDPYEPLPLNCEISLGGREGG--TSP I E M A E K V V G Y L D N K G Y L Q A	

